

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		\$QUINOLINE(5-NITRO-1234-TETRAHYDROISOQUINOLINE)	US-PGPUB; USPAT	OR	ON	2002/12/01 15:30
		\$NAPHTHALENE(CHLOROMETHYLETHYLPENTABROMONAPHTHALENE)	US-PGPUB; USPAT	OR	ON	2002/12/01 15:30
		\$QUINOLINE(4-CARBOXYETHYL-3,6,7-TRIHYDROXY-8-METHOXY-1-METHYLISOQUINOLINE)	US-PGPUB; USPAT	OR	ON	2002/12/01 15:30
		\$NAPHTHALENE(AMYLNAPHTHALENE)	US-PGPUB; USPAT	OR	ON	2002/12/01 15:30
		\$QUINOLINE("ALKYLOXY-12344A.BETA.5-HEXAHYDROQUINOLINE")	US-PGPUB; USPAT	OR	ON	2002/12/01 15:29
		\$naphthalene	US-PGPUB; USPAT	OR	ON	2002/12/01 15:28
		\$quinoline	US-PGPUB; USPAT	OR	ON	2002/12/01 15:29
L1	4405	(427/66,68,272,273,282,335,336,352).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/08 15:32
L2	3069	(427/272,273,282,335,336,352).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/08 15:32
L3	1391	(427/66,68).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/08 15:32
S1	3	((("5116780") or ("4104091") or ("3615943")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/05 11:10
S2	157	((427/66,68).CCLS.) and (dopant or dye)	US-PGPUB; USPAT	OR	ON	2002/11/29 09:57
S3	65	((427/66,68).CCLS.) and doping	US-PGPUB; USPAT	OR	ON	2002/11/29 09:23
S4	14	((427/66,68).CCLS.) and doping) not (((427/66,68).CCLS.) and (dopant or dye))	US-PGPUB; USPAT	OR	ON	2002/11/29 09:57
S5	1	("6114088").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2002/12/01 11:36
S6	1	("6164746").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2002/12/01 11:49
S7	1	("6134059").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2002/12/01 11:49
S8	7404	diffus\$6 with through with (mask or barrier or barriers or holes)	US-PGPUB; USPAT	OR	OFF	2003/07/25 10:32

## EAST Search History

S9	4976	diffus\$6 with through with (mask or barrier or barriers)	US-PGPUB; USPAT	OR	OFF	2002/12/01 12:02
S10	463	((diffus\$6 with through with (mask or barrier or barriers)) same dopant	US-PGPUB; USPAT	OR	ON	2002/12/01 12:08
S11	4	((diffus\$6 with through with (mask or barrier or barriers)) same dopant) and electroluminescen\$2	US-PGPUB; USPAT	OR	ON	2002/12/01 12:04
S12	55	((diffus\$6 with through with (mask or barrier or barriers)) same dye	US-PGPUB; USPAT	OR	ON	2002/12/01 13:01
S13	4	((diffus\$6 with through with (mask or barrier or barriers)) same dopant) same (organic or resin or polymer or polymeric)	US-PGPUB; USPAT	OR	ON	2002/12/01 12:09
S14	1	("5895692").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2002/12/01 13:01
S15	1	((("5895692").PN.) and screen	US-PGPUB; USPAT	OR	OFF	2002/12/01 13:03
S16	0	((("5895692").PN.) and nile	US-PGPUB; USPAT	OR	OFF	2002/12/01 13:03
S17	863	(427/66,68).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2002/12/01 13:03
S18	11	dye with (applied or deposited) with (dry adj powder)	US-PGPUB; USPAT	OR	ON	2002/12/01 16:00
S19	1	(dye with (applied or deposited) with (dry adj powder)) and (coumarin or perylene or oxazole or oxazine or naphthalene or quinoline)	US-PGPUB; USPAT	OR	ON	2002/12/01 15:26
S20	5	((427/66,68).CCLS.) and (nile adj red)	US-PGPUB; USPAT	OR	OFF	2002/12/01 16:02
S21	222	nile adj red	US-PGPUB; USPAT	OR	OFF	2002/12/01 16:03
S22	48	(nile adj red) and electroluminescen\$2	US-PGPUB; USPAT	OR	OFF	2002/12/01 16:03
S23	111	(nile adj red) same (dopant or dye)	US-PGPUB; USPAT	OR	ON	2002/12/01 16:03
S24	25	((nile adj red) same (dopant or dye)) and electroluminescen\$2	US-PGPUB; USPAT	OR	OFF	2002/12/02 12:09
S25	5	diffusion with solvent with mask	US-PGPUB; USPAT	OR	OFF	2002/12/01 16:11
S26	4	dopant with (leach\$6) with mask	US-PGPUB; USPAT	OR	OFF	2002/12/01 16:12

## EAST Search History

S27	5	dopant with (leach\$6) with mask	US-PGPUB; USPAT	OR	ON	2002/12/01 16:12
S28	31	(inkjet or (ink adj jet)) and ((substrate near2 (hot or heated)) with (faster or solvent))	US-PGPUB; USPAT	OR	ON	2002/12/01 16:30
S29	1	(inkjet or (ink adj jet)) and ((substrate near2 (hot or heated)) with (control\$4 same (size or area)))	US-PGPUB; USPAT	OR	ON	2002/12/01 16:29
S30	1	(inkjet or (ink adj jet)) and ((substrate near5 (hot or heated)) with (control\$4 same (size or area)))	US-PGPUB; USPAT	OR	ON	2002/12/01 16:30
S31	2	(inkjet or (ink adj jet)) and ((substrate near5 (hot or heated)) with faster)	US-PGPUB; USPAT	OR	ON	2002/12/01 16:36
S32	215	(inkjett\$4 or (ink adj jet\$4)) same (substrate near5 (hot or heated))	US-PGPUB; USPAT	OR	ON	2002/12/01 16:41
S33	141	(inkjett\$4 or (ink adj jet\$4)) same (substrate near2 (hot or heated))	US-PGPUB; USPAT	OR	ON	2002/12/01 16:43
S34	47	(inkjett\$4 or (ink adj jet\$4)) and ((substrate near2 (hot or heated)) same evaporat\$4)	US-PGPUB; USPAT	OR	ON	2002/12/01 16:44
S35	1594	(427/272,282).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2002/12/02 08:14
S36	1090	(427/273,335,336,352).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2002/12/02 08:21
S37	68	((427/272,282).CCLS.) and ((427/273,335,336,352).CCLS.)	US-PGPUB; USPAT	OR	OFF	2002/12/02 10:14
S38	4	((427/272,282).CCLS.) and ((427/273,335,336,352).CCLS.) and dopant	US-PGPUB; USPAT	OR	ON	2002/12/02 08:18
S39	10	((427/272,282).CCLS.) and ((427/273,335,336,352).CCLS.) and (diffus\$ or leach\$)	US-PGPUB; USPAT	OR	ON	2002/12/02 08:19
S40	295	(427/352).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2002/12/02 08:21
S41	0	("12andleach\$").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2002/12/02 08:21
S42	34	((427/352).CCLS.) and leach\$	US-PGPUB; USPAT	OR	OFF	2002/12/02 08:33

## EAST Search History

S43	4	((427/352).CCLS.) and leach\$) and mask\$4	US-PGPUB; USPAT	OR	OFF	2002/12/02 08:34
S44	1099	(photoresist with dopant) and mask	US-PGPUB; USPAT	OR	ON	2002/12/02 10:15
S45	193	(photoresist near3 dopant) and mask	US-PGPUB; USPAT	OR	ON	2002/12/02 10:21
S46	2	((photoresist near contain\$7) with dopant)	US-PGPUB; USPAT	OR	ON	2002/12/02 10:40
S47	0	"mask on the photoresist"	US-PGPUB; USPAT	OR	ON	2002/12/02 10:40
S48	2365	mask adj photoresist	US-PGPUB; USPAT	OR	ON	2002/12/02 10:50
S49	2365	"mask photoresist"	US-PGPUB; USPAT	OR	ON	2002/12/02 10:41
S50	1	mask adj directly adj photoresist	US-PGPUB; USPAT	OR	ON	2002/12/02 10:51
S51	8	((("5673077") or ("5895692") or ("6066357") or ("4332879") or ("3614225") or ("5551973") or ("6150042") or ("5688551"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2002/12/02 12:10
S52	1	("6471671").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2002/12/02 17:59
S53	1	("6471761").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2002/12/02 17:59
S54	5519	diffus\$6 with solvent	US-PGPUB; USPAT	OR	OFF	2003/07/25 10:33
S55	0	solvent with (diffus\$6 adj into)	US-PGPUB; USPAT	OR	OFF	2003/07/25 10:34
S56	144	into	US-PGPUB; USPAT	OR	OFF	2003/07/25 10:34
S57	5	solvent adj caus\$6 adj (diffus\$6)	US-PGPUB; USPAT	OR	OFF	2003/08/11 10:55
S58	5	solvent adj caus\$6 adj (diffus\$6)	US-PGPUB; USPAT	OR	OFF	2003/08/11 13:21
S59	46	(dye adj transfer) and (transferred adj3 intermediate)	US-PGPUB; USPAT	OR	ON	2003/12/29 15:07
S60	23	((dye adj transfer) and (transferred adj3 intermediate)) and ((inkjet or ink-jet or (ink adj jet)) or (screen adj print\$3))	US-PGPUB; USPAT	OR	ON	2003/08/24 14:41

## EAST Search History

S61	2371	(polyvinylcarbazole or vinylcarbazole or PVK) and (acetone or TCE or trichloroethylene or trichloroethene)	US-PGPUB; USPAT	OR	ON	2003/08/24 13:17
S62	643	((polyvinylcarbazole or vinylcarbazole or PVK) and (acetone or TCE or trichloroethylene or trichloroethene)) and ink	US-PGPUB; USPAT	OR	ON	2003/08/24 13:12
S63	2308	(polyvinylcarbazole or vinylcarbazole) and (acetone or trichloroethylene or trichloroethene)	US-PGPUB; USPAT	OR	ON	2003/08/24 13:12
S64	478	((polyvinylcarbazole or vinylcarbazole or PVK) and (acetone or TCE or trichloroethylene or trichloroethene)) and ink) and (coumarin or perylene or oxazole or oxazine or naphthalene or quinoline)	US-PGPUB; USPAT	OR	ON	2003/08/24 13:14
S65	370	(polyvinylcarbazole or vinylcarbazole or PVK) and (acetone) and (TCE or trichloroethylene or trichloroethene)	US-PGPUB; USPAT	OR	ON	2003/08/24 13:14
S66	291	((polyvinylcarbazole or vinylcarbazole or PVK) and (acetone) and (TCE or trichloroethylene or trichloroethene)) and (coumarin or perylene or oxazole or oxazine or naphthalene or quinoline)	US-PGPUB; USPAT	OR	ON	2003/08/24 14:53
S67	101	((polyvinylcarbazole or vinylcarbazole or PVK) and (acetone) and (TCE or trichloroethylene or trichloroethene)) and (coumarin or perylene or oxazole or oxazine or naphthalene or quinoline)) and ink	US-PGPUB; USPAT	OR	ON	2003/08/24 13:16
S68	405	((polyvinylcarbazole or vinylcarbazole or PVK) and (acetone or TCE or trichloroethylene or trichloroethene)) and diffus\$6	US-PGPUB; USPAT	OR	ON	2003/08/24 13:22
S69	56	solvent same ink same (acetone) same (TCE or trichloroethylene or trichloroethene)	US-PGPUB; USPAT	OR	ON	2003/08/24 20:37

## EAST Search History

S70	13	(solvent same ink same (acetone) same (TCE or trichloroethylene or trichloroethene)) and (coumarin or perylene or oxazole or oxazine or naphthalene or quinoline)	US-PGPUB; USPAT	OR	ON	2003/08/24 21:32
S71	130	((polyvinylcarbazole or vinylcarbazole or PVK) and (acetone or TCE or trichloroethylene or trichloroethene)) and ((solvent or carrier) same diffus\$6)	US-PGPUB; USPAT	OR	ON	2004/07/09 19:27
S72	1	("5398051").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/08/24 14:42
S73	1	((("5398051").PN.) and (green red blue)	US-PGPUB; USPAT	OR	ON	2003/08/24 14:42
S74	0	(dye with (thermal\$2 adj transfer\$3)) and (coumarin and (nile adj red))	US-PGPUB; USPAT	OR	ON	2003/08/24 14:43
S75	2	(thermal\$2 adj transfer\$3) and (coumarin and (nile adj red))	US-PGPUB; USPAT	OR	ON	2003/08/24 15:05
S76	0	(sublimation with dye) and (coumarin and (nile adj red))	US-PGPUB; USPAT	OR	ON	2003/08/24 14:57
S77	101	(sublimation with dye) and (coumarin)	US-PGPUB; USPAT	OR	ON	2003/08/24 14:56
S78	0	(sublimation with dye) and (nile adj red)	US-PGPUB; USPAT	OR	ON	2003/08/24 14:45
S79	4	(thermal adj transfer) and (nile adj red)	US-PGPUB; USPAT	OR	ON	2003/08/24 14:57
S80	10	((dye adj diffusion) or (heat near2 dye)) and (nile adj red)	US-PGPUB; USPAT	OR	ON	2003/08/24 14:47
S81	1	"6150042".pn. and (nile adj red)	US-PGPUB; USPAT	OR	ON	2003/08/24 14:52
S82	2	family same(nile adj red)	US-PGPUB; USPAT	OR	ON	2003/08/24 14:52
S83	154	(nile adj red) same (coumarin or perylene or dioxazole or dioxazine or naphthalene or quinoline)	US-PGPUB; USPAT	OR	ON	2003/08/24 14:53
S84	0	((nile adj red) same (coumarin or perylene or dioxazole or dioxazine or naphthalene or quinoline)) not ((nile adj red) same (coumarin or perylene or oxazole or oxazine or naphthalene or quinoline))	US-PGPUB; USPAT	OR	ON	2003/08/24 14:53
S85	162	(nile adj red) same (coumarin or perylene or oxazole or oxazine or naphthalene or quinoline)	US-PGPUB; USPAT	OR	ON	2003/08/24 14:54

## EAST Search History

S86	2	(thermal\$2 adj transfer\$3) and (coumarin and pyronine)	US-PGPUB; USPAT	OR	ON	2003/08/24 14:55
S87	0	(sublimation with dye) and (coumarin and pyronine)	US-PGPUB; USPAT	OR	ON	2003/08/25 07:21
S88	10	(sublimation with dye) and pyronine	US-PGPUB; USPAT	OR	ON	2003/08/24 15:02
S89	30	(xanthene or oxazine) same (nile adj red)	US-PGPUB; USPAT	OR	ON	2003/08/24 15:02
S90	13	(thermal\$2 adj transfer\$3) and (coumarin and oxazine)	US-PGPUB; USPAT	OR	ON	2003/08/24 15:06
S91	13	((thermal\$2 adj transfer\$3) and (coumarin and oxazine)) and (blue green)	US-PGPUB; USPAT	OR	ON	2003/08/24 15:07
S92	164	(ink) same (thermal adj transfer) same (screen adj print\$)	US-PGPUB; USPAT	OR	ON	2003/08/25 07:27
S93	0	(solvent same fluorescent same ink same (acetone) same (TCE or trichloroethylene or trichloroethene)) and (coumarin or perylene or oxazole or oxazine or naphthalene or quinoline)	US-PGPUB; USPAT	OR	ON	2003/08/24 21:32
S94	0	(solvent same pigment same ink same (acetone) same (TCE or trichloroethylene or trichloroethene)) and (coumarin or perylene or oxazole or oxazine or naphthalene or quinoline)	US-PGPUB; USPAT	OR	ON	2003/08/24 21:33
S95	59	((solvent or carrier) same pigment same (acetone) same (TCE or trichloroethylene or trichloroethene)) and (coumarin or perylene or oxazole or oxazine or naphthalene or quinoline)	US-PGPUB; USPAT	OR	ON	2003/08/24 21:34
S96	51	((solvent or carrier) same pigment same (acetone) same (TCE or trichloroethylene or trichloroethene)) and (pigment same (coumarin or perylene or oxazole or oxazine or naphthalene or quinoline))	US-PGPUB; USPAT	OR	ON	2003/08/25 07:28
S97	0	((solvent or carrier) same pigment same (acetone) same (TCE or trichloroethylene or trichloroethene)) and (pigment same (coumarin or oxazine))	US-PGPUB; USPAT	OR	ON	2003/12/29 15:05



## EAST Search History

S98	2	((solvent or carrier) same pigment same (TCE or trichloroethylene or trichloroethene)) and (pigment same (coumarin or oxazine))	US-PGPUB; USPAT	OR	ON	2003/08/24 21:37
S99	2733	((427/66,68) or (313/504) or (428/690)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/08/24 21:38
S100	290	((427/66,68) or (313/504) or (428/690)).CCLS.) and photosensitive	US-PGPUB; USPAT	OR	ON	2003/08/24 21:38
S101	110	((427/66,68) or (313/504) or (428/690)).CCLS.) and (photosensitive same phosphor)	US-PGPUB; USPAT	OR	ON	2003/08/24 21:45
S102	2890	(427/58,64,66,68,79).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/08/24 21:46
S103	30	((427/58,64,66,68,79).CCLS.) and (dopant same (remov\$3 or migrat\$3 or diffus\$3) same (anneal\$3 or bak\$3 or fired or firing or fires or fire or calcin\$8 or heat\$3))	US-PGPUB; USPAT	OR	ON	2003/08/24 22:01
S104	69	((427/58,64,66,68,79).CCLS.) and (dopant same (remov\$3 or migrat\$3 or diffus\$3))	US-PGPUB; USPAT	OR	ON	2003/08/24 21:57
S105	39	((427/58,64,66,68,79).CCLS.) and (dopant same (remov\$3 or migrat\$3 or diffus\$3))) not ((427/58,64,66,68,79).CCLS.) and (dopant same (remov\$3 or migrat\$3 or diffus\$3) same (anneal\$3 or bak\$3 or fired or firing or fires or fire or calcin\$8 or heat\$3)))	US-PGPUB; USPAT	OR	ON	2004/01/05 18:57
S106	0	(solvent or carrier) same pigment same (acetone) same (TCE or trichloroethylene or trichloroethene) same (coumarin)	US-PGPUB; USPAT	OR	ON	2003/08/25 07:26
S107	0	(solvent or carrier) same pigment same (acetone) same (coumarin SAME (OXAZINE OR NILE ADJ RED))	US-PGPUB; USPAT	OR	ON	2003/08/25 07:27
S108	493	(427/66).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/08/25 07:28
S109	2	((427/66).CCLS.) and anode and cathode and (phosphor same (paste or slurry))	US-PGPUB; USPAT	OR	ON	2003/08/25 07:29



## EAST Search History

S11 0	21	((427/66).CCLS.) and (phosphor same (paste or slurry))	US-PGPUB; USPAT	OR	ON	2003/08/25 07:32
S11 1	146	(427/68).ccls. and (phosphor same (paste or slurry))	US-PGPUB; USPAT	OR	ON	2003/08/25 07:36
S11 2	0	((427/68).ccls. and (phosphor same (paste or slurry))) and (electroluminescent adj (lamp or device))	US-PGPUB; USPAT	OR	ON	2003/08/25 07:34
S11 3	1	((427/68).ccls. and (phosphor same (paste or slurry))) and (EL adj (lamp or device))	US-PGPUB; USPAT	OR	ON	2003/08/25 07:40
S11 4	26	((427/68).ccls. and (phosphor same (paste or slurry))) and anode	US-PGPUB; USPAT	OR	ON	2003/08/25 07:36
S11 5	548	((electroluminescent or EL) adj (lamp or device)) and photolithograph\$7y	US-PGPUB; USPAT	OR	ON	2003/08/25 07:41
S11 6	203	((electroluminescent or EL) adj (lamp or device)) and ((luminescent or electroluminescent or EL or emitting) same photolithograph\$7y)	US-PGPUB; USPAT	OR	ON	2003/08/25 09:48
S11 7	9	((("6099746") or ("5398051") or ("5521047") or ("6329111") or ("5004956") or ("5640180") or ("4833123") or ("3986823") or ("5801884"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/08/25 09:50
S11 8	6821	solvent with diffus\$6	US-PGPUB; USPAT	OR	ON	2003/12/18 13:51
S11 9	148	solvent with ((caus\$6 or mak\$6) near2 diffus\$6)	US-PGPUB; USPAT	OR	ON	2003/12/18 09:30
S12 0	6821	solvent with diffus\$6	US-PGPUB; USPAT	OR	ON	2003/12/18 13:53
S12 1	299	(solvent with diffus\$6 ) and (screen adj print\$3)	US-PGPUB; USPAT	OR	ON	2003/12/18 18:26
S12 2	8	((solvent with diffus\$6 ) and (screen adj print\$3)) and (ink adj (receiv\$ or recept\$))	US-PGPUB; USPAT	OR	ON	2003/12/18 13:58
S12 3	0	((solvent with diffus\$6 ) and (coumarin and (nile adj red))) and (ink adj (receiv\$ or recept\$))	US-PGPUB; USPAT	OR	ON	2003/12/18 13:58
S12 4	2	(solvent with diffus\$6 ) and (coumarin and (nile adj red))	US-PGPUB; USPAT	OR	ON	2003/12/18 13:58
S12 5	299	(solvent with diffus\$6 ) and (screen adj print\$3)	US-PGPUB; USPAT	OR	ON	2003/12/18 18:27

## EAST Search History

S12 6	0	(screen adj print\$3) same (diffus\$ with ((ink adj (recept\$6 or receiv\$6)) or ((recept\$6 or receive\$6) adj layer)))	US-PGPUB; USPAT	OR	ON	2003/12/18 18:29
S12 7	195	(print\$3) same (diffus\$ with ((ink adj (recept\$6 or receiv\$6)) or ((recept\$6 or receive\$6) adj layer)))	US-PGPUB; USPAT	OR	ON	2003/12/18 18:29
S12 8	37	(screen adj print\$3) and (diffus\$ with ((ink adj (recept\$6 or receiv\$6)) or ((recept\$6 or receive\$6) adj layer)))	US-PGPUB; USPAT	OR	ON	2003/12/29 13:52
S12 9	17	coumarin and (TCE or trichloroethylene) and (inkjet or ink-jet or (ink adj jet))	US-PGPUB; USPAT	OR	ON	2003/12/29 14:08
S13 0	10	(coumarin and acetone and (inkjet or ink-jet or (ink adj jet))) and (coumarin and (TCE or trichloroethylene) and (inkjet or ink-jet or (ink adj jet)))	US-PGPUB; USPAT	OR	ON	2003/12/29 13:54
S13 1	214	((ink adj (recept\$6 or receiv\$6)) or ((recept\$6 or receive\$6) adj layer)) and (polyvinylcarbazole or vinylcarbazole or PVK or (polyvinyl adj carbazole) or (vinyl adj carbozole))	US-PGPUB; USPAT	OR	ON	2003/12/29 14:51
S13 2	0	("5643356".pn. and (acetone)) and (TCE or trichloroethylene)	US-PGPUB; USPAT	OR	ON	2003/12/29 14:07
S13 3	1	"5643356".pn. and (acetone)	US-PGPUB; USPAT	OR	ON	2003/12/29 14:07
S13 4	1	coumarin and ("5643356".pn. and (acetone))	US-PGPUB; USPAT	OR	ON	2003/12/29 14:08
S13 5	0	((ink adj (recept\$6 or receiv\$6)) or ((recept\$6 or receive\$6) adj layer)) same (polyvinylcarbazole or vinylcarbazole or PVK or (polyvinyl adj carbazole) or (vinyl adj carbozole))	US-PGPUB; USPAT	OR	ON	2004/01/05 19:59
S13 6	228	coumarin and acetone and (inkjet or ink-jet or (ink adj jet))	US-PGPUB; USPAT	OR	ON	2003/12/29 14:20
S13 7	1	("5398051").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/12/29 14:51
S13 8	51	(dye adj transfer) and (transferred adj3 intermediate)	US-PGPUB; USPAT	OR	ON	2003/12/29 15:11
S13 9	4	(transfer with diffus\$) and (retransfer with diffus\$)	US-PGPUB; USPAT	OR	ON	2003/12/31 10:08

## EAST Search History

S14 0	5	retransfer with diffus\$	US-PGPUB; USPAT	OR	ON	2003/12/31 10:09
S14 1	10	retransfer same diffus\$	US-PGPUB; USPAT	OR	ON	2003/12/31 10:09
S14 2	5	((("3906138") or ("4847238") or ("4923848") or ("5055444") or ("5077263")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/05 11:12
S14 3	1	"5972457".pn. and (blue or red or green)	US-PGPUB; USPAT	OR	ON	2004/01/05 13:00
S14 4	0	"4914451".pn. and (blue or red or green)	US-PGPUB; USPAT	OR	ON	2004/01/05 13:00
S14 5	1	("5801884").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/05 16:06
S14 6	4	((donor adj (element or sheet)) same (inkjet\$ or (ink adj jet\$8))) same diffus\$	US-PGPUB; USPAT	OR	ON	2004/01/05 16:22
S14 7	0	((donor adj (element or sheet)) same (screen adj print\$)) same diffus\$	US-PGPUB; USPAT	OR	ON	2004/01/05 16:20
S14 8	4	((dye or image) adj receiving) same (screen adj print\$)) same diffus\$	US-PGPUB; USPAT	OR	ON	2004/01/05 17:13
S14 9	49	((dye or image) adj receiving) same (inkjet\$ or (ink adj jet\$8))) same diffus\$	US-PGPUB; USPAT	OR	ON	2004/01/05 16:41
S15 0	36	((dye or image) adj receiving) same (inkjet\$ or (ink adj jet\$8))) same diffus\$) and (polycaprolactone or polycarbonate or polyester)	US-PGPUB; USPAT	OR	ON	2004/01/05 16:54
S15 1	114	((dye or image or ink) adj receiving) same (inkjet\$ or (ink adj jet\$8))) same diffus\$	US-PGPUB; USPAT	OR	ON	2004/01/05 17:13
S15 2	27	((dye or image or ink) adj receiving) with (inkjet\$ or (ink adj jet\$8))) with diffus\$	US-PGPUB; USPAT	OR	ON	2004/01/05 16:42
S15 3	20	((dye or image or ink) adj receiving) with (inkjet\$ or (ink adj jet\$8))) with diffus\$) and (polycaprolactone or polycarbonate or polyester)	US-PGPUB; USPAT	OR	ON	2004/01/05 16:54
S15 4	4	((dye or image) adj receiving) same (screen adj print\$)) same diffus\$	US-PGPUB; USPAT	OR	ON	2004/01/05 17:12

## EAST Search History

S15 5	13	((dye or image or ink) adj receiving) same (screen adj print\$) same diffus\$	US-PGPUB; USPAT	OR	ON	2004/01/05 17:21
S15 6	134	((dye or image or ink) adj receiving) same (screen adj print\$)	US-PGPUB; USPAT	OR	ON	2004/01/05 17:47
S15 7	1	(overhead near2 transparency) and (projector with (LED or OLED))	US-PGPUB; USPAT	OR	ON	2004/01/05 17:49
S15 8	177	(overhead near2 transparency) and ((LED or OLED))	US-PGPUB; USPAT	OR	ON	2004/01/05 17:50
S15 9	618	(overhead adj project\$) and ((LED or OLED))	US-PGPUB; USPAT	OR	ON	2004/01/05 17:51
S16 0	19	(overhead adj project\$) with ((LED or OLED))	US-PGPUB; USPAT	OR	ON	2004/01/05 17:52
S16 1	398	(projector) with ((LED or OLED))	US-PGPUB; USPAT	OR	ON	2004/01/05 17:57
S16 2	0	OLED and (instruction near2 manual)	US-PGPUB; USPAT	OR	ON	2004/01/05 18:00
S16 3	180	OLED and (instructions)	US-PGPUB; USPAT	OR	ON	2004/01/05 17:59
S16 4	4	427/66.ccls. and (instructions)	US-PGPUB; USPAT	OR	ON	2004/01/05 18:00
S16 5	1	(overhead or transparency) with (instruction near2 manual)	US-PGPUB; USPAT	OR	ON	2004/01/05 18:00
S16 6	42	((427/58,64,66,68,79).CCLS.) and (dopant same (remov\$3 or migrat\$3 or diffus\$3)) not ((427/58,64,66,68,79).CCLS.) and (dopant same (remov\$3 or migrat\$3 or diffus\$3) same (anneal\$3 or bak\$3 or fired or firing or fires or fire or calcin\$8 or heat\$3)))	US-PGPUB; USPAT	OR	ON	2004/01/05 18:57
S16 7	74	((427/58,64,66,68,79).CCLS.) and (dopant same (remov\$3 or migrat\$3 or diffus\$3))	US-PGPUB; USPAT	OR	ON	2004/01/05 18:58
S16 8	3827	(313/498-512).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/05 18:58
S16 9	123	((313/498-512).CCLS.) and (dopant same (remov\$3 or migrat\$3 or diffus\$3))	US-PGPUB; USPAT	OR	ON	2004/01/05 18:58

## EAST Search History

S17 0	180	(((((427/58,64,66,68,79).CCLS.) and (dopant same (remov\$3 or migrat\$3 or diffus\$3))) ) or (((((313/498-512).CCLS.) and (dopant same (remov\$3 or migrat\$3 or diffus\$3))) )	US-PGPUB; USPAT	OR	ON	2004/01/05 18:58
S17 1	23	((image or dye) adj (recept\$6 or receiv\$6)) same (polyvinylcarbazole or vinylcarbazole or PVK or (polyvinyl adj carbazole) or (vinyl adj carbozole))	US-PGPUB; USPAT	OR	ON	2004/01/05 20:00
S17 2	27	cleveland.xa. and image	US-PGPUB; USPAT	OR	ON	2004/01/06 09:57
S17 3	1	cleveland.xa. and (game or gamepiece)	US-PGPUB; USPAT	OR	ON	2004/01/06 09:57
S17 4	1	("5984367").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/06 10:35
S17 5	1	("6099746").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/06 12:59
S17 6	1	"5895692".pn. and solvent	US-PGPUB; USPAT	OR	ON	2004/01/06 13:27
S17 7	0	"5895692".pn. and (ultraviolet or UV)	US-PGPUB; USPAT	OR	ON	2004/01/06 13:27
S17 8	0	(xylene with (applied or applying or application) with (screen adj print\$3) with (ink-jet or (ink adj jet) or inkjet))	US-PGPUB; USPAT	OR	ON	2004/07/07 19:45
S17 9	10	(xylene same ((screen adj print\$3) with (ink-jet or (ink adj jet) or inkjet)))	US-PGPUB; USPAT	OR	ON	2004/07/07 19:47
S18 0	3	(polyester near3 (soluble or dissolv\$6 or dissolution)) with acetone with (TCE or trichloroethylene)	US-PGPUB; USPAT	OR	ON	2004/07/07 19:58
S18 1	1	(solution same TPD) same acetone same (TCE or trichloroethylene)	US-PGPUB; USPAT	OR	ON	2004/07/07 19:58
S18 2	31	(solution same TPD) same acetone	US-PGPUB; USPAT	OR	ON	2004/07/07 19:59
S18 3	0	((polyvinylcarbazole or vinylcarbazole or PVK) with (soluble or dissolv\$6) with (acetone with (TCE or trichloroethylene or trichloroethene)))	US-PGPUB; USPAT	OR	ON	2004/07/09 19:28

## EAST Search History

S18 4	6	((polyvinylcarbazole or vinylcarbazole or PVK) with (soluble or dissolv\$6) with (acetone or TCE or trichloroethylene or trichloroethene))	US-PGPUB; USPAT	OR	ON	2004/07/09 19:28
S18 5	1	("6066357").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/04 15:42
S18 6	2	((("6575800") or ("6696112"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/04 18:28
S18 7	1291	(427/66,68).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/04 18:29
S18 8	3021	(427/272,273,282,335,336,352).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/04 18:29